

Special Issue

Advanced Studies in Molecular and Metabolic Mechanisms of Diabetes

Message from the Guest Editors

This Special Issue aims to publish papers exhibiting cutting-edge research and innovative perspectives on the pathogenesis and progression of, as well as therapeutic strategies for, diabetes mellitus. Topics of interest include but are not limited to the following:

- Beta-cell dysfunction and regeneration in diabetes;
- Insulin resistance and metabolic dysregulation in type 2 diabetes;
- Molecular pathways driving diabetic complications;
- Emerging therapies, including gene editing, stem cell therapy, and microbiome-based interventions;
- Personalised medicine approaches leveraging omics technologies and biomarkers.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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